

## CLAIMS

What is claimed is:

1. A hand piece used for a suction type dermabrasion device comprising:  
a housing having a tubular shape with a hollow formed therein;  
a connecting tube connected to one side of the housing to apply vacuum pressure to the inside of the housing;  
a spring inserted into the hollow of the housing; and  
a dermabrasion tip installed in the hollow of the housing to be elastically supported by the housing,

wherein the dermabrasion tip consists of a cylindrical upper stage and a cylindrical lower stage, the upper has a smaller diameter than the lower stage and an abrasive surface formed on the upper surface of the upper stage, and the lower stage has a diameter generally fitting to the diameter of the hollow and a plurality of suction holes are formed through the lower stage around the periphery of the upper stage.

2. A hand piece used for a suction type dermabrasion device according to claim 1, wherein a pair of mounting grooves are formed at opposing locations on the side of the lower stage, and the dermabrasion tip is installed in the housing by engaging a pair of pins with the mounting grooves through the housing.

3. A hand piece used for a suction type dermabrasion device according to claim 1, wherein the abrasive surface of the dermabrasion tip is formed by using any one of the methods of coating diamond particles, coating aluminum oxide, and surface machining.